



PC10315A Sequence Listing.ST25.txt
SEQUENCE LISTING

<110> Pfizer Inc.

Fidock, Mark David

<120> Enzyme PDE xiv

<130> PC10315AGPR

RECEIVED

JUN 13 2002

<140> 09/471,459

TECH CENTER 1600/2900

<141> 1999-12-22

<150> GB 9828603.2

<151> 1998-12-23

<150> GB 9922123.6

<151> 1999-09-17

<160> 26

<170> PatentIn version 3.1

<210> 1

<211> 446

<212> PRT

<213> Mouse

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Pro Glu Gln Ser Val Lys Cys Val Cys Met Leu Gly Asp Val Arg Leu
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Arg Gly Gln Thr Gly Val Pro Ala Glu Arg Arg Gly Ser Tyr Pro Phe
35 40 45

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Ile Asp Phe Arg Leu Leu Asn Asn Thr Thr His Ser Gly Glu Ile Gly
50 55 60

Thr Lys Lys Lys Val Lys Arg Leu Leu Ser Phe Gln Arg Tyr Phe His
65 70 75 80

Ala Ser Arg Leu Leu Arg Gly Ile Ile Pro Gln Ala Pro Leu His Leu
85 90 95

Leu Asp Glu Asp Tyr Leu Gly Gln Ala Arg His Met Leu Ser Lys Val
100 105 110

Gly Thr Trp Asp Phe Asp Ile Phe Leu Phe Asp Arg Leu Thr Asn Gly
115 120 125

Asn Ser Leu Val Thr Leu Leu Cys His Leu Phe Asn Ser His Gly Leu
130 135 140

Ile His His Phe Lys Leu Asp Met Val Thr Leu His Arg Phe Leu Val
145 150 155 160

Met Val Gln Glu Asp Tyr His Gly His Asn Pro Tyr His Asn Ala Val
165 170 175

His Ala Ala Asp Val Thr Gln Ala Met His Cys Tyr Leu Lys Glu Pro
180 185 190

Lys Leu Ala Ser Phe Leu Thr Pro Leu Asp Ile Met Leu Gly Leu Leu
195 200 205

Ala Ala Ala Ala His Asp Val Asp His Pro Gly Val Asn Gln Pro Phe
210 215 220

Leu Ile Lys Thr Asn His His Leu Ala Asn Leu Tyr Gln Asn Met Ser
225 230 235 240

Val Leu Glu Asn His His Trp Arg Ser Thr Ile Gly Met Leu Arg Glu
245 250 255

Ser Arg Leu Leu Ala His Leu Pro Lys Glu Met Thr Gln Asp Ile Glu
260 265 270

Gln Gln Leu Gly Ser Leu Ile Leu Ala Thr Asp Ile Asn Arg Gln Asn
275 280 285

Glu Phe Leu Thr Arg Leu Lys Ala His Leu His Asn Lys Asp Leu Arg
290 295 300

Leu Glu Asn Val Gln Asp Arg His Phe Met Leu Gln Ile Ala Leu Lys
305 310 315 320

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Cys Ala Asp Ile Cys Asn Pro Cys Arg Ile Trp Glu Met Ser Lys Gln
325 330 335

Trp Ser Glu Arg Val Cys Glu Glu Phe Tyr Arg Gln Gly Asp Leu Glu
340 345 350

Gln Lys Phe Glu Leu Glu Ile Ser Pro Leu Cys Asn Gln Gln Lys Asp
355 360 365

Ser Ile Pro Ser Ile Gln Ile Gly Phe Met Thr Tyr Ile Val Glu Pro
370 375 380

Leu Phe Arg Glu Trp Ala Arg Phe Thr Gly Asn Ser Thr Leu Ser Glu
385 390 395 400

Asn Met Leu Ser His Leu Ala His Asn Lys Ala Gln Trp Lys Ser Leu
405 410 415

Leu Ser Asn Gln His Arg Arg Arg Gly Ser Gly Gln Asp Leu Ala Gly
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Pro Ala Pro Glu Thr Leu Glu Gln Thr Glu Gly Ala Thr Pro
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<212> DNA

<213> Mouse

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<212> PRT

<213> Human

<400> 3

Met Ser Cys Leu Met Val Glu Arg Cys Gly Glu Ile Leu Phe Glu Asn
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Pro Asp Gln Asn Ala Lys Cys Val Cys Met Leu Gly Asp Ile Arg Leu
 20 25 30

Arg Gly Gln Thr Gly Val Arg Ala Glu Arg Arg Gly Ser Tyr Pro Phe
 35 40 45

Ile Asp Phe Arg Leu Leu Asn Ser Thr Thr Tyr Ser Gly Glu Ile Gly
 50 55 60

Thr Lys Lys Lys Val Lys Arg Leu Leu Ser Phe Gln Arg Tyr Phe His
 65 70 75 80

Ala Ser Arg Leu Leu Arg Gly Ile Ile Pro Gln Ala Pro Leu His Leu
 85 90 95

Leu Asp Glu Asp Tyr Leu Gly Gln Ala Arg His Met Leu Ser Lys Val
 100 105 110

Gly Met Trp Asp Phe Asp Ile Phe Leu Phe Asp Arg Leu Thr Asn Gly
 115 120 125

PC10315A Sequence Listing.ST25.txt

Asn Ser Leu Val Thr Leu Leu Cys His Leu Phe Asn Thr His Gly Leu
130 135 140

Ile His His Phe Lys Leu Asp Met Val Thr Leu His Arg Phe Leu Val
145 150 155 160

Met Val Gln Glu Asp Tyr His Ser Gln Asn Pro Tyr His Asn Ala Val
165 170 175

His Ala Ala Asp Val Thr Gln Ala Met His Cys Tyr Leu Lys Glu Pro
180 185 190

Lys Leu Ala Ser Phe Leu Thr Pro Leu Asp Ile Met Leu Gly Leu Leu
195 200 205

Ala Ala Ala Ala His Asp Val Asp His Pro Gly Val Asn Gln Pro Phe
210 215 220

Leu Ile Lys Thr Asn His His Leu Ala Asn Leu Tyr Gln Asn Met Ser
225 230 235 240

Val Leu Glu Asn His His Trp Arg Ser Thr Ile Gly Met Leu Arg Glu
245 250 255

Ser Arg Leu Leu Ala His Leu Pro Lys Glu Met Thr Gly Thr Trp Asp
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Phe Asp Ile Phe Leu Phe Asp Arg Leu Thr Asn Gly Asn Ser Leu Val
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<211> 807

<212> DNA

<213> Human

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<400> 5

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Pro Asp Gln Asn Ala Lys Cys Val Cys Met Leu Gly Asp Ile Arg Leu	
20 25 30	

Arg Gly Gln Thr Gly Val Arg Ala Glu Arg Arg Gly Ser Tyr Pro Phe	
35 40 45	

Ile Asp Phe Arg Leu Leu Asn Ser Thr Thr Tyr Ser Gly Glu Ile Gly	
50 55 60	

Thr Lys Lys Lys Val Lys Arg Leu Leu Ser Phe Gln Arg Tyr Phe His	
65 70 75 80	

Ala Ser Arg Leu Leu Arg Gly Ile Ile Pro Gln Ala Pro Leu His Leu	
85 90 95	

Leu Asp Glu Asp Tyr Leu Gly Gln Ala Arg His Met Leu Ser Lys Val	
100 105 110	

Gly Met Trp Asp Phe Asp Ile Phe Leu Phe Asp Arg Leu Thr Asn Gly	
115 120 125	

Asn Ser Leu Val Thr Leu Leu Cys His Leu Phe Asn Thr His Gly Leu	
130 135 140	

Ile His His Phe Lys Leu Asp Met Val Thr Leu His Arg Phe Leu Val	
145 150 155 160	

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Met Val Gln Glu Asp Tyr His Ser Gln Asn Pro Tyr His Asn Ala Val
165 170 175

His Ala Ala Asp Val Thr Gln Ala Met His Cys Tyr Leu Lys Glu Pro
180 185 190

Lys Leu Ala Ser Phe Leu Thr Pro Leu Asp Ile Met Leu Gly Leu Leu
195 200 205

Ala Ala Ala Ala His Asp Val Asp His Pro Gly Val Asn Gln Pro Phe
210 215 220

Leu Ile Lys Thr Asn His His Leu Ala Asn Leu Tyr Gln Asn Met Ser
225 230 235 240

Val Leu Glu Asn His His Trp Arg Ser Thr Ile Gly Met Leu Arg Glu
245 250 255

Ser Arg Leu Leu Ala His Leu Pro Lys Glu Met Thr Gln Asp Ile Glu
260 265 270

Gln Gln Leu Gly Ser Leu Ile Leu Ala Thr Asp Ile Asn Arg Gln Asn
275 280 285

Glu Phe Leu Thr Arg Leu Lys Ala His Leu His Asn Lys Asp Leu Arg
290 295 300

Leu Glu Asp Ala Gln Asp Arg His Phe Met Leu Gln Ile Ala Leu Lys
305 310 315 320

Cys Ala Asp Ile Cys Asn Pro Cys Arg Ile Trp Glu Met Ser Lys Gln
325 330 335

Trp Ser Glu Arg Val Cys Glu Glu Phe Tyr Arg Gln Gly Glu Leu Glu
340 345 350

Gln Lys Phe Glu Leu Glu Ile Ser Pro Leu Cys Asn Gln Gln Lys Asp
355 360 365

Ser Ile Pro Ser Ile Gln Ile Gly Phe Met Ser Tyr Ile Val Glu Pro
370 375 380

Leu Phe Arg Glu Trp Ala His Phe Thr Gly Asn Ser Thr Leu Ser Glu
385 390 395 400

Asn Met Leu Gly His Leu Ala His Asn Lys Ala Gln Trp Lys Ser Leu
405 410 415

Leu Pro Arg Gln His Arg Ser Arg Gly Ser Ser Gly Ser Gly Pro Asp
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<212> DNA
<213> Mouse

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<211> 2992

<212> DNA

<213> Human

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PC10315A Sequence Listing.ST25.txt

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